

**AMENDMENTS TO THE CLAIMS:**

This listing of claims will replace all prior versions and listings of claims in the application:

**LISTING OF CLAIMS:**

- 1-38. Cancelled.
39. (Currently Amended) An isolated nucleic acid sequence encoding a polypeptide having an amino acid sequence consisting of a sequence present in the glutamic acid decarboxylase<sub>65</sub> (GAD<sub>65</sub>) of Figure 2 (SEQ ID NO:5) or Figure 3 (SEQ ID NO:8) and possessing at least one epitope for an autoantibody to GAD<sub>65</sub>.
40. (Previously Presented) The isolated nucleic acid sequence of claim 39, wherein said sequence possesses a single epitope for an autoantibody to GAD<sub>65</sub>.
41. (Previously Presented) The isolated nucleic acid sequence of claim 39, wherein said sequence is a cDNA sequence.
42. (Previously Presented) A host cell transformed or transfected with the nucleic acid sequence of claim 39.